

## (12) 按照专利合作条约所公布的国际申请

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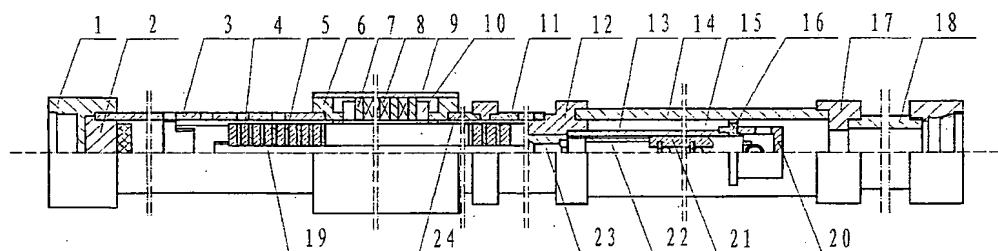
### 根据细则4.17的声明:

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(54) Title: A NC RECIPROCATING IMMERSIBLE OIL PUMP

(54) 发明名称: 数控往复式潜油泵装置



(57) Abstract: An oil pump used in deep well especially a nc reciprocating immersible oil pump, which can integrate a power equipment and the oil pump and adjust the parameter on-line, comprises a balance sieve tube, a power equipment and the oil pump, all of which are immersed in the ground oil, wherein the power equipment comprises a stator having a seal chamber and a rotor including an iron core and installed in the stator, the stator and the rotor constitute a friction pair through a supporting sleeve and the rotor core. The upper end of the stator links to the lower end of the oil pump connecting an oil outlet tube, the lower end of the stator links to the sieve tube in turn. In this application a rod and an oil pump overground are not used, therefor the fixing time and the cost are reduced, at the same time the enegy cost are decreased too.

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